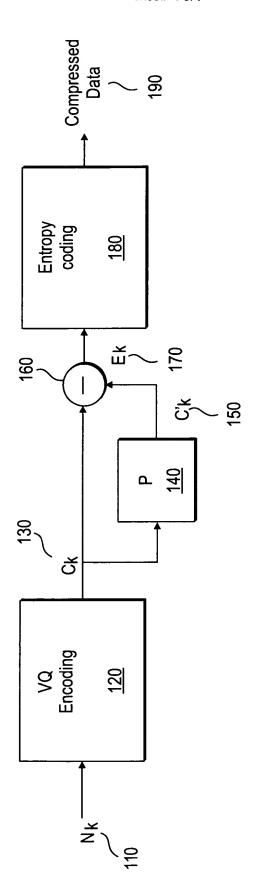Fig. 1
(Prior Art)

Blakely, Sokoloff, Taylor & Zafman LLP
Title: Method And System For Parameterized Normal Predictive Encoding
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Fig. 2
(Prior Art)

Fig. 3

2000

| STORAGE 2270 | ROM 2260 | MAIN MEMORY 2250 |

BUS 2200

PROCESSOR 2100

I/O 2300

DISPLAY 2430

KEYBOARD 2420

CURSOR CONTROL 2410

COMMUNICATION 2400

2500

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300

Compressed
Data

380

Entropy
coding
370

351

$E^{(k)}\phi$

360

$E^{(k)}\theta$

361

331

$\phi'^{(k)}_1$

350

$\theta'^{(k)}_1$

341

P
330

P
340

321
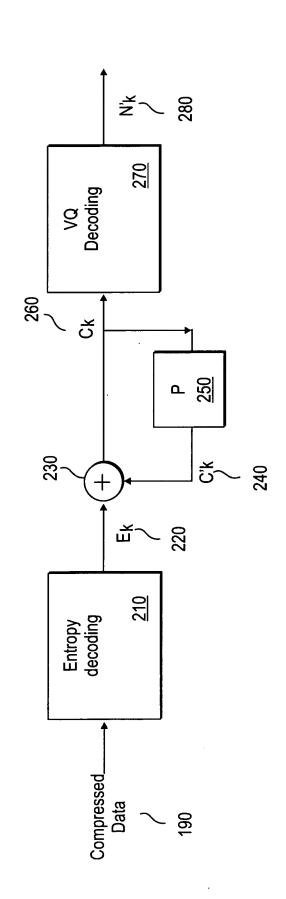
$\phi^{(k)}_1$

$\theta^{(k)}_1$

322

PNE
320

310

$N_k$

Fig. 4

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Title:  Method An[●]stem For Parameterized Normal Predictive
Encoding
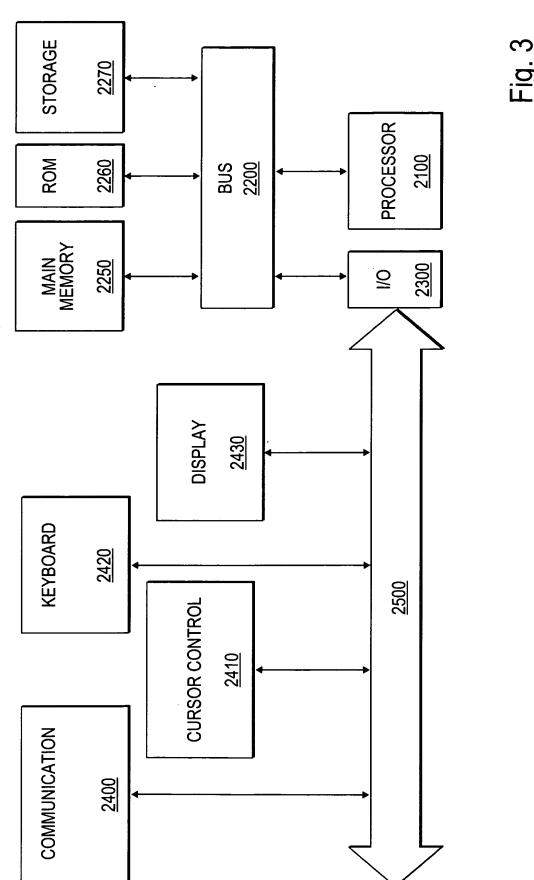1st Named Inventor:  Francis M.L. Ng
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$N'_k$  471

PND  470

$\phi^{(k)}_1$  431

$\theta^{(k)}_1$  441

P  450

P  460

430

440

451  $\phi'^{(k)}_1$

$\theta'^{(k)}_1$  461

421  $E^{(k)}_\phi$

$E^{(k)}_\theta$  422

400

Entropy decoding  420

Compressed Data

380

Fig. 5

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Encoding
1st Named Inventor: Francis M.L. Ng
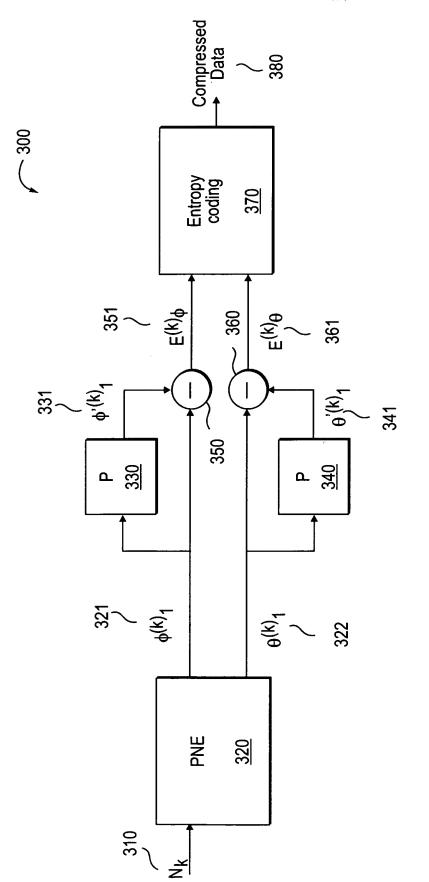Application No.: 09/751,816              Docket No.: 42390P10363
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500

START
501

Perform scalar
quantization and
parameterization                    510

Differential
encoding                            520

Entropy
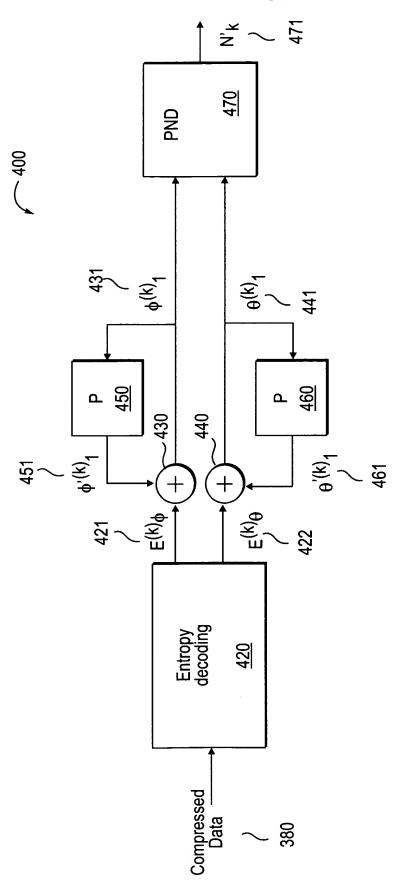Encoding                            530

STOP
540

Fig. 6

Blakely, Sokoloff, Taylor & Zafman LLP          (408) 947-8200
Title:  Method And System or Parameterized Normal Predictive
Encoding
1st Named Inventor:  Francis M.L. Ng
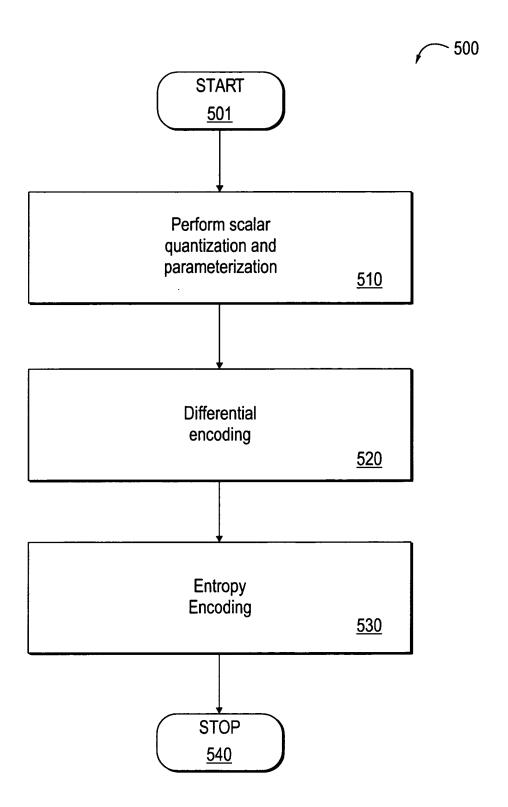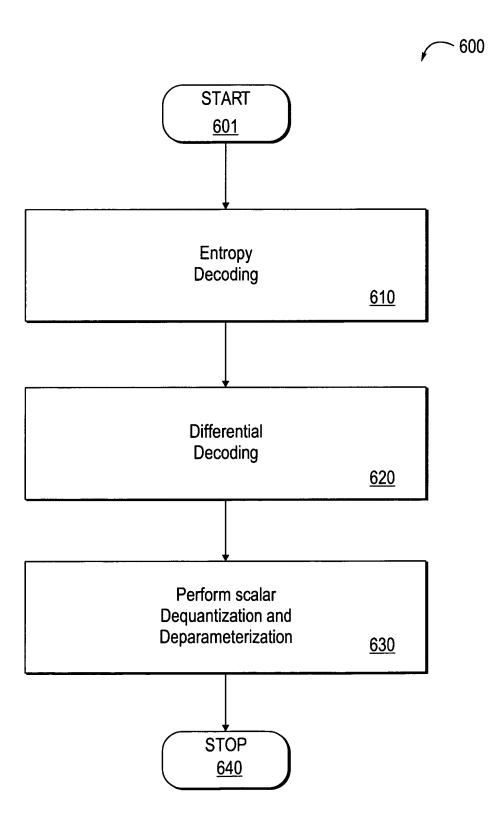Application No.:  09/751,816
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600

```
        ┌─────────────┐
        │   START     │
        │    601      │
        └──────┬──────┘
               │
               ▼
┌──────────────────────────────┐
│                              │
│         Entropy              │
│         Decoding             │
│                              │
│                    610       │
└──────────────┬───────────────┘
               │
               ▼
┌──────────────────────────────┐
│                              │
│       Differential           │
│        Decoding              │
│                              │
│                    620       │
└──────────────┬───────────────┘
               │
               ▼
┌──────────────────────────────┐
│                              │
│      Perform scalar          │
│   Dequantization and         │
│   Deparameterization         │
│                    630       │
└──────────────┬───────────────┘
               │
               ▼
        ┌─────────────┐
        │   STOP      │
        │    640      │
        └─────────────┘
```

Fig. 7